

# **AUTOMOTIVE WASHER SYSTEM UTILIZING A FREEZABLE WASHER LIQUID AND A FREEZE- RESISTANT WASHER LIQUID**

## **Abstract of Disclosure**

A washer system which includes a first reservoir containing a freezable washer liquid and having a drain port therein. The drain port is in fluid communication with the freezable washer liquid when the first reservoir is in at least a full state. The washer system also includes a temperature sensor for measuring a critical temperature corresponding to approximately a freezing temperature of the freezable washer liquid, a drain plug sealingly communicating with the drain port, and an electrical control unit in operative communication with the temperature sensor and the drain plug. The electrical control unit controls the drain plug to drain the liquid from the first reservoir in response to the critical temperature.

## Figures